

TITLE

AMINE ACID ZWITTERION ADDITIVE FOR A CATHODIC ELECTROCOATING COMPOSITION

ABSTRACT

This invention is directed to an improved aqueous cathodic electrocoating composition and a method for the electrodeposition of this composition; the composition comprises a cathodic electrodepositable composition comprising a binder of (a) a cathodically electrodepositable film forming resin and (b) a polyisocyanate crosslinking agent blocked with a compound that is non-hazardous and non-air polluting, such as, an alkoxy alkanol or an alkyl alcohol; wherein the improvement comprises the use of 0.1-5.0% by weight, based on the weight of the binder, of a water miscible amine acid zwitterion additive which is the reaction product of an amine acid and an alkylglycidyl ether.